ORIGINAL

STATE OF ILLINOIS ILLINOIS COMMERCE COMMISSION STIPULATED AGREEMENT NO. 1226

106-0083

This Agreement made and entered into, by and between the State of Illinois acting by and through the Illinois Commerce Commission ("Commission"), the Norfolk Southern Railway Company ("Company"), New Berlin Township Road District ("Township"), and the State of Illinois, Department of Transportation ("Department" or "IDOT").

WITNESSETH:

WHEREAS, it has come to the attention of the Commission through staff evaluation that inquiry should be made into the matter of improving public safety at the Bates Road (TR 88) and Patton School Road (TR 68A) highway-rail grade crossings of the Company's track, near Bates, Illinois, designated as crossings AAR/DOT #479 360Y, railroad milepost 427.47-WC and AAR/DOT #479 362M, railroad milepost 428.71-WC respectively; and

WHEREAS, proper investigation has been made of the circumstances surrounding the subject crossings by a representative of the Commission's Transportation Division Railroad Section; and

WHEREAS, the physical aspects, including geometrics of the intersection, train movements, vehicular traffic volume, and sight distances and other pertinent data relating to the crossing have been obtained and shown on Exhibits A-1 and A-2, attached to this Agreement; and

WHEREAS, the parties are mutually agreeable to accomplish proposed improvements to the crossing upon determination of the Commission by Order.

NOW, THEREFORE in consideration of the premises and of the mutual covenants and agreements as hereinafter contained the parties pray that the Commission enter an Order according to the provisions of Section 18c-7401 of the Illinois Commercial Transportation Law, 625 ILCS 5/18(c)-7401, requiring that certain improvements as hereinafter stated be made and that the cost for the proposed improvements be divided among the parties according to law and that in the interest of the traveling public the Grade Crossing Protection Fund ("GCPF") of the Motor Fuel Tax Law ("MFT") be required to bear a substantial portion of the cost; To Wit the parties agree as follows:

<u>Section 1</u> All improvements encompassed by this Agreement shall be made in accordance with all applicable State laws, rules, standards, regulations and orders and procedures in general.

<u>Section 2</u> The parties are of the opinion that the following improvements in the interest of public safety at the aforesaid crossing should be:

DOCKETED

Bates Road (AAR/DOT #479 360Y)

- (a) Installation of automatic flashing light signals and gates with a bell, controlled by constant warning time circuitry, and equipped with an event recorder, by the Company.
- (b) Installation of Railroad Advanced Warning Sign on the south highway approach in accordance with 92 III Adm. Code 1535.310, by the Township.

Patton School Road (AAR/DOT #479 362M)

- (a) Installation of automatic flashing light signals and gates with a bell, controlled by constant warning time circuitry, and equipped with an event recorder, by the Company.
- (b) Installation of temporary STOP signs at the Patton School Road crossing within 30 days of a Commission Order for the installation of new automatic warning devices, by the Company.
- (c) Installation of Railroad Advanced Warning Signs on the north and south highway approaches in accordance with 92 III Adm. Code 1535.310, by the Township.

<u>Section 3</u> The Company has prepared "round figure" estimates of cost (Exhibit B-1 and B-2) to accomplish the proposed safety improvements, which it may be required to perform.

The Company shall upon Order, according to the requirements contained therein, prepare and submit detailed drawings, detailed circuit plans, estimates of cost and any required specifications for the proposed improvements for the approval of the Commission. The Company agrees that an appropriate time for the submission of plans should be 90 days from the date of a Commission Order subsequent to this Agreement.

The Township has just recently completed the approach grade reconstruction that was necessary at both of the subject crossings, at their own expense.

<u>Section 4</u> The Company and the Township shall upon Order, according to the requirements contained therein, proceed toward the completion of the proposed improvements, accomplishing the work with its own forces or appropriate contracted services and agrees that an appropriate time for the completion of the proposed improvements should be twelve (12) months from the date of a Commission Order approving this Agreement.

<u>Section 5</u> The parties agree that an equitable division of cost for the proposed improvements is as follows:

- COST DIVISION TABLE -

		OI BIVIOION I	7 3 to 5 to	· r · · · · · · · · · · · · · · · · · ·	
IMPROVEMENT	EST. COST	GCPF	TOWNSHIP	COMPANY	IDOT
Bates Road					
Install Automatic Flashing Light Signals and Gates, controlled by CWT Circuitry.	\$170,000	95% \$161,500	0% \$0	5% Remainder ²	0% \$0
Install RR Advance Warning Sign.	No Estimate Required	\$0	100%	\$0	\$0
Patton School Road					
Install Automatic Flashing Light Signals and Gates, controlled by CWT Circuitry.	\$280,000	95% \$266,000	0% \$0	5% Remainder²	0% \$0
Install RR Advance Warning Signs.	No Estimate Required	\$0	100%	\$0	\$0
Install temporary STOP Signs.	No Estimate Required	\$0	\$0	100%³	\$0
TOTALS	\$450,000	\$427,500	\$0 ⁴	Remainder ²	\$0

Notes:

² Company responsible for all future operating and maintenance costs associated with the new automatic warning devices and crossing surface.

³ Company responsible for all future maintenance costs associated with the temporary STOP signs.

Section 6 Special Provisions. The Company and Township shall, at six (6) month intervals from the date of the Commission Order approving this Agreement, submit to the Director of Processing and Information, Transportation Bureau of the Commission, a Project Status Report, attached as Exhibit E-1 and E-2, regarding the progress each has made toward completion of the work required by this Agreement. Each Project Status Report shall include the Commission Order's docket number, the Order date, the project completion date as noted in the Order, crossing information (inventory number and railroad milepost), type of improvement, and the name, title, mailing address, phone number, facsimile number, and electronic mailing address of the Company and Township Project Manager.

All bills for work specified in Section 2 of this Agreement authorized for reimbursement from the Grade Crossing Protection Fund shall be submitted to the Fiscal Control Unit, Bureau of Local Roads and Streets, Illinois Department of Transportation, 2300 South Dirksen Parkway, Springfield, Illinois 62764. The Department shall send a copy of all invoices to the Director of Processing and Information, Transportation Bureau of the Commission. All bills shall be submitted no later than twelve (12) months from the completion date specified in the Commission Order approving this Agreement. The final bill for expenditures from the Company shall be clearly marked "Final Bill". The

Total Grade Crossing Protection Fund (GCPF) assistance not to exceed \$427,500; any installation costs above the estimated amount of \$450,000 will be divided between the GCPF and the Company in the same percentages noted above, upon submittal and review of evidence to support the additional cost and subject to approval by the Commission.

⁴ The Township's participation in this project is further described in the Exhibit A-1 and A-2 "Comments" section.

Department shall not obligate any assistance from the Grade Crossing Protection Fund for the cost of proposed improvements described in this Agreement without prior approval by the Commission. The Commission shall, at the end of the 12th month from the completion date specified in the Commission Order approving this Agreement or any Supplemental Order(s) issued for this project, notify the Department to de-obligate all residual funds accountable for this project. Notification may be by regular mail, electronic mail, fax, or phone.

<u>SECTION 7</u> Billing: For all work specified in Section 2 of this Agreement and authorized by an Order of the Commission, The Company shall assure that sufficient documentation for all bills is made available for review by the Department or the Department's representative. The <u>minimum</u> documentation that must be made available is outlined below:

- a) <u>Labor Charges (including additives)</u> Copies of employee work hours charged to the project.
- b) <u>Equipment Rental</u> Copies of rental agreements for the equipment used, including the rental rate; and the number of hours the equipment was used on the project.
- c) <u>Material</u> An itemized list of all materials purchased and installed at the crossing location. If materials purchased are installed at multiple crossing locations, a notation must be made to identify the crossing location.
- d) Engineering Copies of employee work hours charged to the project.
- e) Supervision Copies of employee work hours charged to the project.
- f) <u>Incidental Charges</u> An itemized list of all incidental charges along with a written explanation of those charges.
- g) <u>Service Dates</u> Invoice shall include the beginning and ending date of the work accomplished for the invoice.
- h) <u>Final or Progressive</u> Each invoice shall be marked as a Progressive or a Final Invoice.
- i) <u>Reference Numbers</u> Each invoice shall include the AAR/DOT number, the ICC Order number and the state job number when federal funds are involved.
- j) <u>Locations</u> Each invoice shall show the location, with the street name and AAR/DOT crossing inventory number.

<u>Section 8</u> This Agreement shall be binding upon the parties hereto, their successors or assigns. Upon execution of this Agreement by all parties, the Commission shall enter an appropriate Order, within 60 days accepting or rejecting such stipulation according to the provisions contained herein.

In Witness Whereof, the parties have caused this Agreement to be executed by their duly authorized officers, as of the dates indicated on their respective Execution Pages, attached hereto.

Executed by the Commission this 24thth day of August 2006.

Michael E. Stead

Rail Safety Program Administrator

Attest:

Richard A. Daniels Rail Safety Specialist Illinois Commerce Commission Stipulated Agreement No. 1226 executed by Commission Staff on August 24, 2006 concerning improvements at the Bates Road (TR 88) and Patton School Road (TR 68A) highway-rail grade crossings of the Norfolk Southern Railway Company tracks near Bates, Illinois, designated as crossings AAR/DOT #479 360Y, railroad milepost 427.47-WC and AAR/DOT #479 362M, railroad milepost 428.71-WC, respectively.

Executed by the Township this <u>\$\frac{2}{8}\$</u> day of <u>Quag.</u> 2006

NEW BERLIN TOWNSHIP

By: Lyle & Geaman

Attest:

SANGAMON COUNTY EngINEER

Illinois Commerce Commission Stipulated Agreement No. 1226 executed by Commission Staff on August 24, 2006 concerning improvements at the Bates Road (TR 88) and Patton School Road (TR 68A) highway-rail grade crossings of the Norfolk Southern Railway Company tracks near Bates, Illinois, designated as crossings AAR/DOT #479 360Y, railroad milepost 427.47-WC and AAR/DOT #479 362M, railroad milepost 428.71-WC, respectively.

Executed by the Company this 30th day of Quart 2006

NORFOLK SOUTHERN RAILWAY COMPANY

By: YKComptock
General Manager

Attest:

90813

Illinois Commerce Commission Stipulated Agreement No. 1226 executed by Commission Staff on August 24, 2006 concerning improvements at the Bates Road (TR 88) and Patton School Road (TR 68A) highway-rail grade crossings of the Norfolk Southern Railway Company tracks near Bates, Illinois, designated as crossings AAR/DOT #479 360Y, railroad milepost 427.47-WC and AAR/DOT #479 362M, railroad milepost 428.71-WC, respectively.

Executed by the Department this <u>8th</u> day of <u>September</u>, 2006

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Bv:

(Milton R. Sees, Director of Highways/ Chief Engineer

ILLINOIS COMMERCE COMMISSION STIPULATED AGREEMENT CROSSING DATA FORM

GENERAL INFORMATION: See Location Sketch

RAILROAD	Norfolk Southern Railway Company		
USDOT#, MILEPOST	479 360Y, 427.47-WC		
STREET, CITY, COUNTY	Bates Road/TR 88, near Bates, Sangamon County		
JURISDICTION (RDWY)	Local		
LOCATION	Rural		
STREET SURFACE	Chip seal; 16-20'; good condition		

CROSSING DATA: See Location Sketch for roadway profile and track centers

TRACK (W-E or N-S)	SURFACE TYPE	SURFACE WIDTH	SURFACE CONDITION
W-E	Timber and asphalt	24 feet	good

ROADWAY DATA: See Location Sketch

INTERSECTING ROADS:	Old Route 54 is 90 feet to the north		
TRAFFIC CONTROL	Stop sign at Old Route 54		
ADT & SPEED	50 Vehicles Per Day @ approx 45 MPH		
TRAFFIC TYPE	Passenger, School Buses and Hazardous Materials		
ADVANCE WARNING	No on south		
PAVEMENT MARKING	No (chip seal roadway)		

RAILROAD DATA: See Location Sketch

FREIGHT TRAFFIC	20 Per day @ 60 MPH, 2 Switch Movements, Day & Night
PASSENGER TRAFFIC	None
WARNING DEVICES	Automatic flashing light signals, no bell

NOTES:

VISIBILITY STUDY: See Location Sketch

Train Speed	60	MPH	
Roadway Speed	45	MPH	
Required Stopping Sight Distance (SSD)			
Along Roadway	388	FEET	
Along Tracks	615	FEET	
Required Clearing Sight Distance (CSD)	1440	FEET	
(Along Tracks)			

Distances calculated per American Association of State Highway and Transportation Officials (AASHTO), A Policy on Geometric Design of Highways and Streets, 2001, Fourth Edition.

QUADRANT	CSD (FT)	OBSTRUCTION	SSD (FT)	OBSTRUCTION
NE	900	Brush, curve	*0	Along Rte 54
NW	600		*0	Along Rte 54
SE	ОК		*25	ОК
SW	1000		*25	OK

^{*}Note: The installation of automatic flashing light signals and gates eliminates the need to satisfy minimum Sight Distance criteria.

APPROACH GRADES: Do not meet the requirements of 92 Ill. Adm. Code 1535.204

COMMENTS:

Staff of the Commission's Rail Safety Section recommends that the GCPF pay 95% of the installation costs for new automatic warning devices (ball park estimate of \$170,000). Staff recommends the railroad pay all remaining installation costs for the new signals and gates, as well as all future operating and maintenance costs. New Berlin Township agrees to pay for the highway approach grade reconstruction that is required on the south side of the track. Staff estimates that this work will cost the Township approximately \$20,000, which is more than 10% of the estimated cost to install flashing light signals and gates. Therefore, staff recommends that this work be counted as the Township's share in the cost of the project. Staff recommends the GCPF be used to pay New Berlin Township's normal 10% share of signal costs. Due to the close proximity of Route 54 north of the tracks, Staff recommends the Township not be required to improve the north highway approach grade. At the time of preparation of this exhibit, the Township had already improved the south highway approach to meet the requirements of 92 Ill. Adm. Code 1535.204.

See Page 3 for a Location Sketch (Aerial Photo) of the crossing.

ILLINOIS COMMERCE COMMISSION STIPULATED AGREEMENT CROSSING DATA FORM

GENERAL INFORMATION: See Location Sketch

RAILROAD	Norfolk Southern Railway Company		
USDOT#, MILEPOST	479 362M, 428.71-WC		
STREET, CITY, COUNTY	Patton School Road/TR 68A, near Bates, Sangamon County		
JURISDICTION (RDWY)	Local		
LOCATION	Rural		
STREET SURFACE	Chip seal; 17-20'; good condition		

CROSSING DATA: See Location Sketch for roadway profile and track centers

TRACK (W-E or N-S)	SURFACE TYPE	SURFACE WIDTH	SURFACE CONDITION
Double track W-E	Both are timber and	Both 24 feet	Both OK condition
Main is on north, 15	asphalt		
foot track centers	·		

ROADWAY DATA: See Location Sketch

INTERSECTING ROADS:	none		
TRAFFIC CONTROL	N/A		
ADT & SPEED	65 Vehicles Per Day @ 55 MPH unposted		
TRAFFIC TYPE	Passenger, possible school Buses and Hazardous Materials		
ADVANCE WARNING	No		
PAVEMENT MARKING	No (chip seal roadway)		

RAILROAD DATA: See Location Sketch

FREIGHT TRAFFIC	20 Per day @ 60 MPH, 2 Switch Movements, Day & Night
PASSENGER TRAFFIC	None
WARNING DEVICES	Crossbucks

NOTES:

VISIBILITY STUDY: See Location Sketch

Train Speed	60	MPH
Roadway Speed	55	MPH
Required Stopping Sight Distance (SSD)		
Along Roadway	520	FEET
Along Tracks	647	FEET
Required Clearing Sight Distance (CSD)	1440	FEET
(Along Tracks)		

Distances calculated per American Association of State Highway and Transportation Officials (AASHTO), A Policy on Geometric Design of Highways and Streets, 2001, Fourth Edition.

QUADRANT	CSD (FT)	OBSTRUCTION	SSD (FT)	OBSTRUCTION
NE	OK		*75	Corn
NW	OK		*75	Corn
SE	OK		*75	Corn
SW	OK		*75	Corn

^{*}Note: The installation of automatic flashing light signals and gates eliminates the need to satisfy minimum Sight Distance criteria.

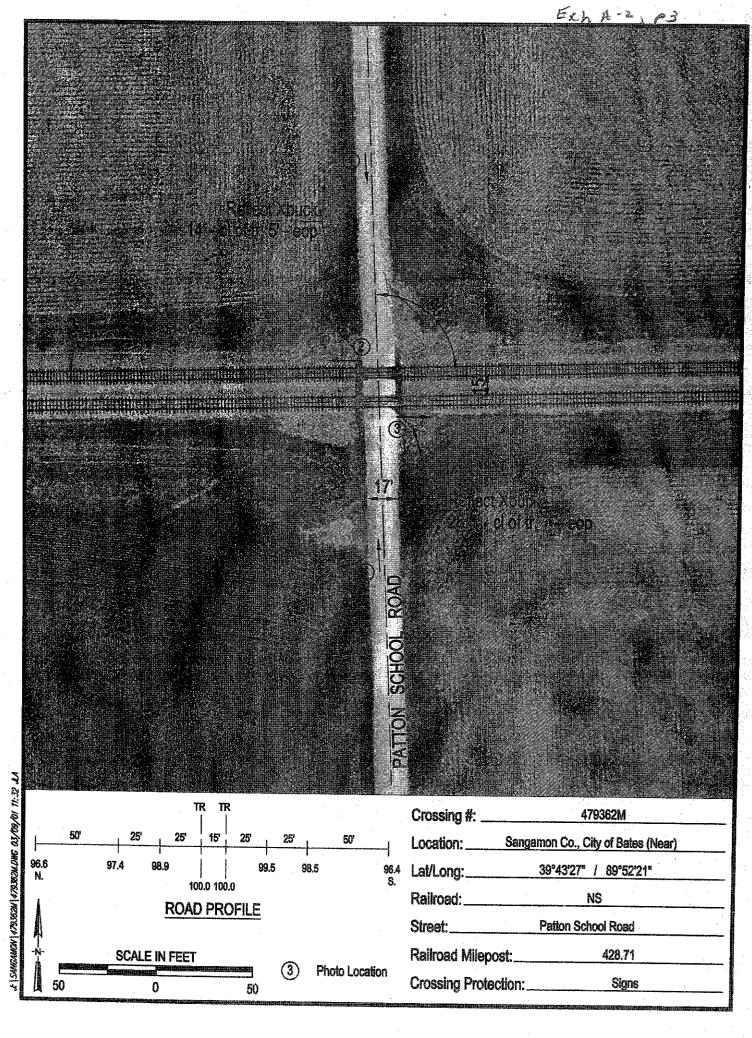
APPROACH GRADES: Do not meet the requirements of 92 III. Adm. Code 1535.204.

COMMENTS:

Staff of the Commission's Rail Safety Section recommends that the GCPF pay 95% of the installation costs for new automatic warning devices (ball park estimate of \$280,000). Staff recommends the railroad pay all remaining installation costs for the new signals and gates, as well as all future operating and maintenance costs. New Berlin Township agrees to pay for the highway approach grade reconstruction that is required on the both sides of the track. Staff estimates that this work will cost the Township approximately \$35,000, which is more than 10% of the estimated cost to install flashing light signals and gates. Therefore, staff recommends that this work be counted as New Berlin's share in the cost of the project. Staff recommends the GCPF be used to pay the road authority's normal 10% share of signal costs.

At the time of preparation of this exhibit, the Township had already improved the north and south highway approaches to meet the requirements of 92 III. Adm. Code 1535.204.

See Page 3 for a Location Sketch (Aerial Photo) of the crossing.



Daniels, Richard

From:

Ray, Rick H [rick.ray@nscorp.com]

Sent:

Thursday, August 03, 2006 1:52 PM

To:

Daniels, Richard; Bergeron, Rodney

Cc:

Phil Gibson (Gibson, Phil B. (POP3)); Hollingsead, Don

Subject: 04.0136: Project Notification - DOT#: 479360Y

File #: 061-04.0361

Project #: 04.0136

Road:

BATES RD.

City:

BATES

State:

IL.

DOT:

479360Y

MilePost: DH 427.47

This is to acknowledge receipt of the state's request for modification of grade crossing warning devices at the above referenced location.

Dick,

As information, I would estimate the cost to upgrade this location at \$170,000.00.

Also, I have discussed your request to install a bell at this location prior to the proposed upgrade with our field personnel, and I determined we can proceed with this request in a timely manner if you so authorize.

For this change will we need to file a Form 1 or a Form 3?

Thanks,

Rick

Phil,

8/24/2006

Daniels, Richard

Ray, Rick H [rick.ray@nscorp.com]

Sent:

Thursday, August 03, 2006 1:54 PM

To:

Daniels, Richard; Bergeron, Rodney

Cc:

Phil Gibson (Gibson, Phil B. (POP3)); Hollingsead, Don

Subject: 04.0137: Project Notification - DOT#: 479362M

File #: 061-04.0576

Project #: 04.0137

Road:

PATTON SCHOOL RD.

City:

BATES

State:

IL

DOT:

479362M

MilePost: DH 428.71

This is to acknowledge receipt of the state's request for modification of grade crossing warning devices at the above referenced location.

Dick,

I would estimate the cost of this project to be \$280,000.00

Thanks,

Rick

ILLINOIS COMMERCE COMMISSION TRANSPORTATION DIVISION / RAIL SAFETY SECTION

PROJECT STATUS REPORT

TYPE: (CHECK ONE)			
PROGRESS			
COMPLETION ¹		DATE	
PROJECT INFORM	IATION:		
Reporting Party:		Norfolk Southern Railway Company	
Docket/Order #:			
Ordered Completion Date:			
Status Reports Due:			
Completion Report	Due ¹ :		
AAR/DOT#, Milepo		479 360Y; MP 427.47-WC and 479 362M, MP 428.71	
Street, (in/near) Cit	y, County:	Bates Road/TR 88, and Patton School Road (TR 68A), both	
,	<u> </u>	near Bates, Sangamon County, IL	
Railroad Company		Norfolk Southern	
¹ Railroad Companies r	nust include ar	updated USDOT Inventory Form with their Completion Report.	
PROJECT MANAG	ED INEODM	IATION ²	
Name:	Bob Shark		
Title:	Construction Engineer		
Representing:	Norfolk Southern		
Street Address:	99 Spring Street, Box 123		
City, State, Zip:	Atlanta, Georgia 30303		
Office Phone: 404-527-2887			
Office Fax:			
Cellular Phone:	404 027 11		
E-Mail Address:	Robert Sha	arkey@nscorp.com	
		bmitted by New Berlin Township and the NS Railway Company	
DESCRIPTION OF		ENTS to be ORDERED:	
		ing light signals and gates with a bell, controlled by	
		y, and equipped with an event recorder.	
		P signs at the subject crossing within 30 days of receipt	
		e installation of new automatic warning devices at Patton	
School Road.		motamation of their automatio training do thoos at a diter-	
 Installation of Adv 	vance Warni	na Sians.	
		al blank sheet, if necessary)	
	\		

Stipulated Agreement 1226 EXHIBIT E-1

Mail directed to the Rail Safety Section or the Director of Processing and Information, Transportation Bureau of the Commission should be addressed to:

The Illinois Commerce Commission 527 East Capitol Avenue Springfield, IL 62701-1827

If you have questions contact:

Dick Daniels, Railroad Safety Specialist

Phone: 217-785-8420

Email:

rdaniels@icc.illinois.gov

A Form 3 can be obtained from the Illinois Commerce Commission by calling 217/782-7660 or on the web at:

http://www.icc.illinois.gov/hg/railroadsafety.aspx

United States Department of Transportation Inventory Form #6180.71 can be obtained on the web at:

http://safetydata.fra.dot.gov/OfficeofSafety/Forms/Default.asp

Submit Inventory forms to:

Federal Railroad Administration		Chief of Data Services
Office of Safety		Illinois Department of Transportation
1120 Vermont Avenue, NW		2300 S. Dirksen Parkway
Washington, DC 20590		Springfield, IL 62764

ILLINOIS COMMERCE COMMISSION TRANSPORTATION DIVISION / RAIL SAFETY SECTION

PROJECT STATUS REPORT

T/DE				
TYPE: (CHECK ONE)				
PROGRESS				
COMPLETION ¹		DATE		
PROJECT INFORM	ATION:			
Reporting Party:		New Berlin Township		
Docket/Order #:				
Ordered Completion Date:				
Status Reports Due:				
Completion Report Due ¹ :				
AAR/DOT#, Milepo		479 360Y; MP 427.47-WC and 479 362M, MP 428.71		
Street, (in/near) Cit		Bates Road/TR 88, and Patton School Road (TR 68A), both		
	,, -	near Bates, Sangamon County, IL		
Railroad Company:		Norfolk Southern		
1 Railroad Companies n	nust include ar	updated USDOT Inventory Form with their Completion Report.		
		4 - 14 - 12		
PROJECT MANAG				
Name:	· -	ahrn/Lyle Yeaman		
Title:		County Engineer/Highway Commissioner		
Representing:		New Berlin Township		
Street Address:	3303 Terminal Avenue/502 E. Yates, Box 175			
City, State, Zip:				
Office Phone:	217-535-30			
Office Fax:	217-753-79	199		
Cellular Phone:				
E-Mail Address:	schd@fgi.			
		bmitted by New Berlin Township and the NS Railway Company IENTS to be ORDERED:		
· Installation of aut	omatic flash	ing light signals and gates with a bell, controlled by		
constant warning	time circuitr	y, and equipped with an event recorder.		
 Installation of tem 	porary STO	P signs at the subject crossing within 30 days of receipt		
of a Commission	Order for the	e installation of new automatic warning devices at Patton		
School Road.				
 Installation of Adv 	vance Warni	ng Signs.		
STATUS OF WORK	: (use addition	al blank sheet, if necessary)		

Stipulated Agreement 1226 EXHIBIT E-2

Mail directed to the Rail Safety Section or the Director of Processing and Information. Transportation Bureau of the Commission should be addressed to:

The Illinois Commerce Commission 527 East Capitol Avenue Springfield, IL 62701-1827

If you have questions contact:

Dick Daniels, Railroad Safety Specialist

Phone: 217-785-8420

Email:

rdaniels@icc.illinois.gov

A Form 3 can be obtained from the Illinois Commerce Commission by calling 217/782-7660 or on the web at:

http://www.icc.illinois.gov/hg/railroadsafety.aspx

United States Department of Transportation Inventory Form #6180.71 can be obtained on the web at:

http://safetydata.fra.dot.gov/OfficeofSafety/Forms/Default.asp

Submit Inventory forms to:

Federal Railroad Administration Office of Safety		Chief of Data Services Illinois Department of Transportation
1120 Vermont Avenue, NW		2300 S. Dirksen Parkway
Washington, DC 20590		Springfield, IL 62764